Battlespace Management and Air Defense Systems (BMADS)

MACCS Sustainment Conference

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PM Air Defense

STINGER MISSILE FIM 92

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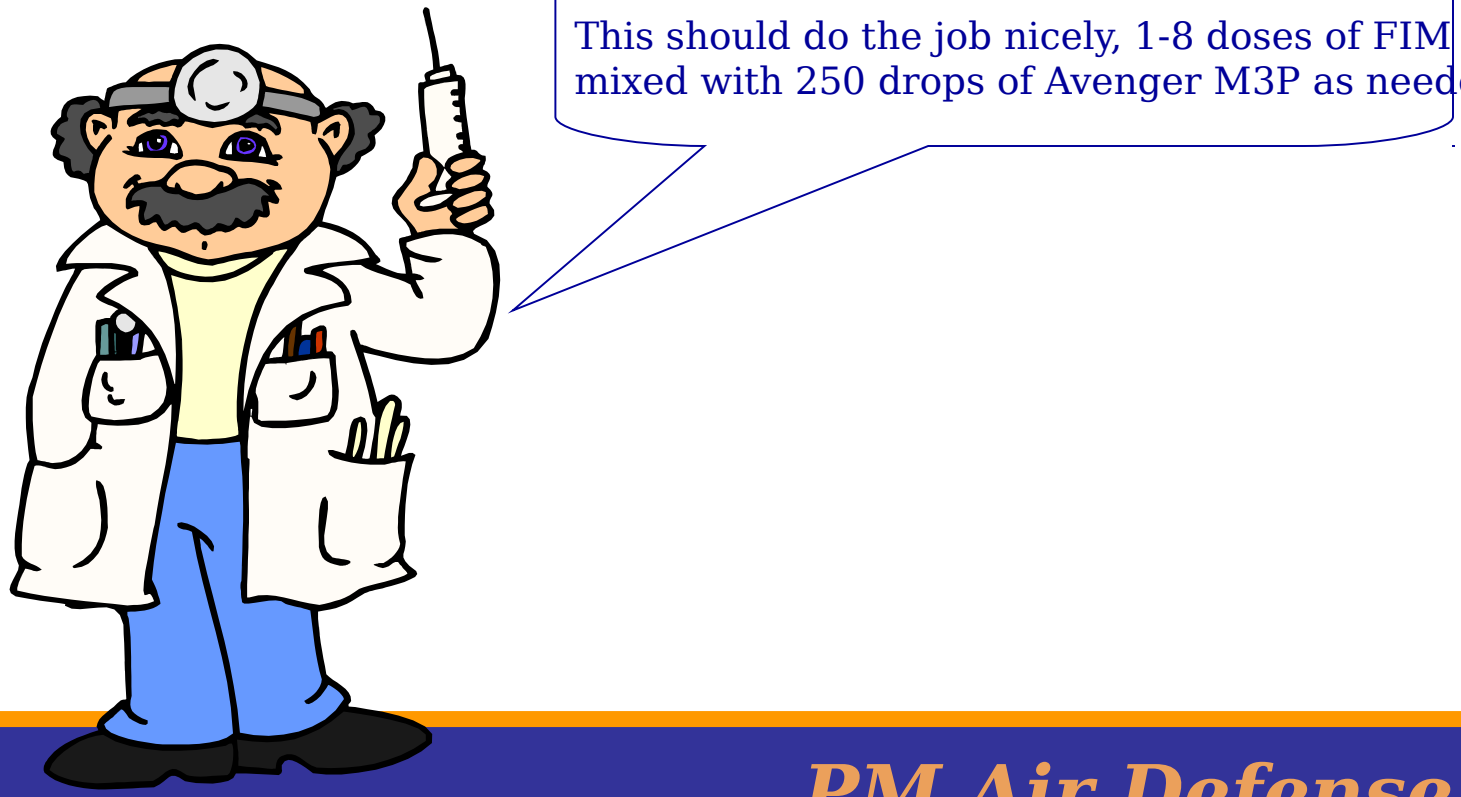
The Doctor prescribes the FIM 92 Stinger missile for your close-in Air Defense ailment as well as insurance for protection.



Stinger Missile Agenda

- Overview
- History
- Status
- Shelf Life
- New build procurement funding
- Action Item status
- Summary

The Weapons Systems

AVENGER

MANPADS

LAV-AD

Stinger Missile

Stinger missile provides defense against high speed, close-in low altitude fixed wing attack aircraft, transport aircraft, and rotary wing aircraft in a general or direct support role.

Stinger is a heat seeking, fire and forget missile capable of being launched in a man portable or platform configuration (Avenger/LAV-AD).

Modification to Block I transparent to the gunner

In use by both United States and Foreign Military S

History

- 1999 – PR 01 Funding obtained for a 3 year modification effort in conjunction with PM AMMO SLEP (battery change)

- 2000 – POM 02 Program did not compete successfully

- 2001 – PR 03 No new starts accepted
  - Study determines battery has acceptable life, SLEP killed; increased costs to PM AD as result
  - PR 01 funds provide for procurement of:
    - 148 Circuit Card Assemblies
    - 500 Electrically Erasable Programmable Read-Only Memory Cards
    - Modification of 111 RMP missiles to Block I configuration

- 2002 – POM 04 Program did not compete successfully
  - FY 02 funds, 3M provided to support HAC decision
  - Remaining FY 01 funds used for procurement of an

Status 02/03

- BCU Shelf life
  - BCU determination TBD upon completion of analysis

- Block I Capability
  - PM AMMO funded for Software mod to 147 Grip stocks
  - 111 Block I configured missiles; delivery approx 4th Qtr FY 02
  - FY 01 EEPROM and CCA procurement; delivery to Crane complete 3rd Qtr FY 03
  - FY 03 procure additional EEPROM, CCA

- Crane starts Grip stock and Avenger Block I Platform upgrade 4th Qtr FY 03

- Program office intent is field Block I to provide MEBs capability

Missile Shelf life (current)

- PM AMMO QA study indicates that the current shelf life of missile ends in FY 09.
  - Driver is the launch/flight motor, exploring avenues to mitigate
  - PM AMMO continues analyses

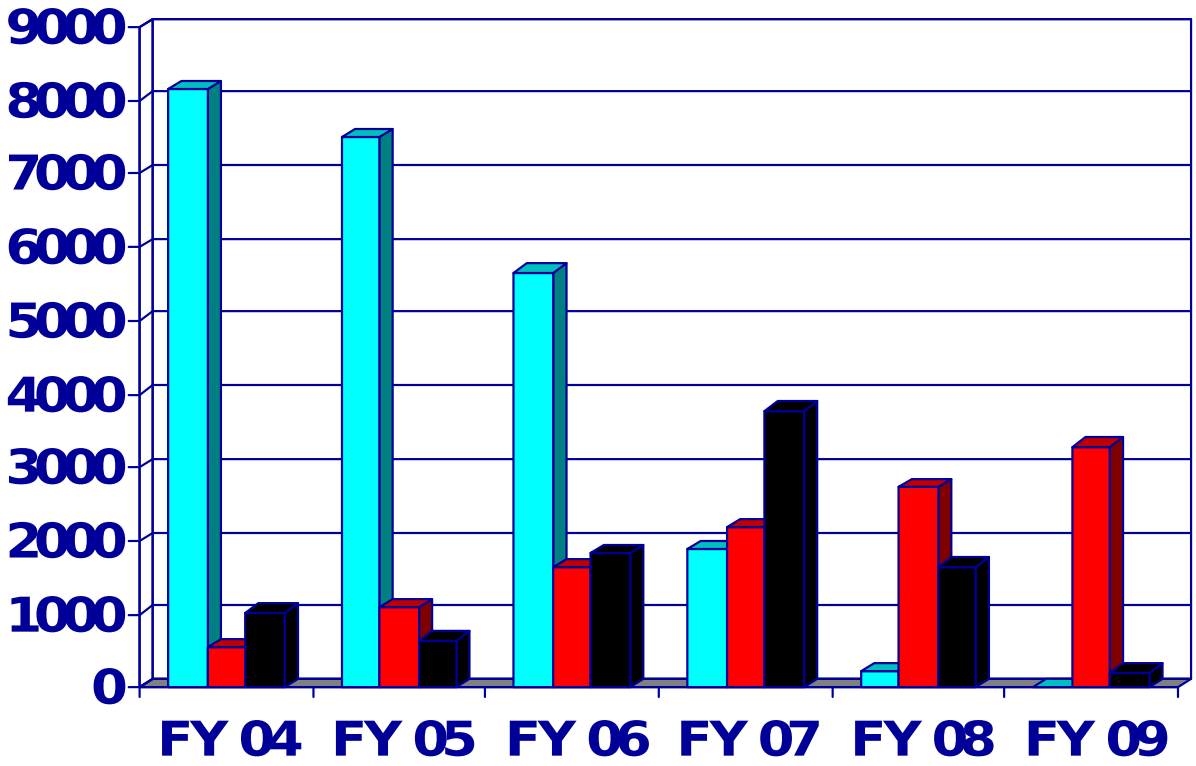
- MCSC continuing dialog with U. S. Army SHORAD to address shelf life and obsolescence, meeting at Huntsville 20 August

- NSWC Crane (Fallbrook) are conducting the technical studies for PM AMMO

Summary

- Modify spares and Avenger FY 03
- Procure additional assets to support MEB capability
- Modify remaining platforms

USMC Missile Inventory due to Shelf Life



- 547 missiles procured per year

- Oldest shelf life missiles used for training